

Spectrum  
Division of United Industries  
P. O. Box 142642  
St. Louis, MO 63114-0642

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

## Hazardous Material Identification System – (HMIS)

HEALTH – 2

REACTIVITY – 0

FLAMMABILITY – 0

PERSONAL – Rubber gloves, face mask or goggles.

**I Trade Name:** Cutter® Bug Free Backyard Brand Spray Concentrate

**Product Type:** Liquid dilutable concentrate insecticide

**Product Item Number:** 51062

**Formula Code Number:** 21-0360

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone Numbers**

9688-136-121

Chemsico  
Division of United Industries Corporation  
8494 Chapin Industrial Drive  
St. Louis, MO 63114

**For Chemical Emergency:** 1-800-633-2873  
**For Information:** 1-800-767-9927  
**Prepared by:** C. A. Duckworth  
**Date Prepared:** November 11, 1999

## II Hazards Ingredient/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Permethrin CAS# 52645-53-1	2.5	NA	NA

## III Physical and Chemical Characteristics

**Appearance & Odor:** Translucent straw color, water-thin liquid, with an aromatic solvent odor.

**Boiling Point:** 220° F

**Melting Point:** NA

**Vapor Pressure:** NA

**Specific Gravity:** 1.0 (H<sub>2</sub>O = 1)

**Vapor Density:** Greater than 1 (Air = 1)

**% Volatile (by vol.):** 91%

**Solubility in Water:** Greater than 93%

**Evaporation Rate:** Less than 1 (Butyl Acetate = 1)

## IV Fire and Explosive Hazards Data

**Flash Point:** NA – Will not burn

**Flammable Limits:** NA

**Autoignition Temperature:** NA

**Fire Extinguishing Media:** Water fog, Carbon dioxide, Dry chemical

**Decomposition Temperature:** NA

**Special Fire-Fighting Procedures:** Use procedures for elimination of original fire source

**Unusual Fire & Explosion Hazards:** None. Also see Section V.

## V Reactivity Data

**Stability:** Stable

**Polymerization:** Will not occur

**Conditions to Avoid:** None

**Incompatible Materials:** NA

**Hazardous Decomposition or Byproducts:** NA

## VI Health Hazard Data

**Ingestion (Swallowing):** May be harmful if swallowed. **First Aid:** Call a physician or Poison Control Center immediately.

**Skin Contact:** May be harmful if absorbed through skin. **First Aid:** Wash contaminated skin with soap and water.

**Eye Contact:** Avoid contact with eyes. **First Aid:** Rinse eyes for at least 15 minutes with plenty of water. Call a physician if irritation persists.

**Inhalation Toxicity:** Avoid breathing spray mist. **First Aid:** Remove to fresh air.

**Special Notes:** None

**Health conditions Aggravated by Exposure:** None known

**Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:** None

## VII Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:** Avoid contact with liquid. Soak up with absorbent material.

**Waste Disposal:** Give to a qualified waste disposal service.

**Handling & Storage Precautions:** Do not store where temperatures can exceed 54° C/130° F.

## VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

## IX Transportation Data

**DOT Shipping Name:** Not Regulated by DOT

**DOT Hazard Class:** None

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